



**Greenwood Avenue with Summit Avenue/Township Line Road Intersection Queue Conditions Future with Roundabout Operations (2028)**

Approach	AM Peak (Ave/Max # of Cars)	PM Peak (Ave/Max # of Cars)
Summit Avenue	1 / 1	1 / 1
West Avenue	1 / 1	1 / 1
Greenwood Avenue	1 / 2	2 / 2
Township Line Road	1 / 2	1 / 2

**Greenwood Avenue with Summit Avenue/Township Line Road Intersection Operation Summary Traffic Levels of Service**

Intersection/Approach	2008 Existing Conditions with Signal Operation		2028 Future Conditions with Roundabout Operation*	
	AM Peak	PM Peak	AM Peak	PM Peak
<b>Overall</b>	<b>C/23.0</b>	<b>B/19.2</b>	<b>A/7.4</b>	<b>A/8.4</b>
Summit Avenue	C	B	A	A
West Avenue	C	C	A	A
Greenwood Avenue	C	B	A	A
Township Line Road	B	B	A	A

LOS/Average delay (sec) per vehicle  
 \* - LOS equivalent based upon average delay per vehicle

LOS Average Delay

A	0.0 - 10.0 sec./veh.
B	10.1 - 20.0 sec./veh.
C	20.1 - 35.0 sec./veh.
D	35.1 - 55.0 sec./veh.
E	55.1 - 80.0 sec./veh.
F	> 80.0 sec./veh.

- LEGEND**
- PAVEMENT
  - STRUCTURES
  - SIDEWALK
  - GRADING

## OPTION 1

### Greenwood Avenue Bridge Over SEPTA Cheltenham Township & Jenkintown Borough

MONTGOMERY COUNTY, PENNSYLVANIA